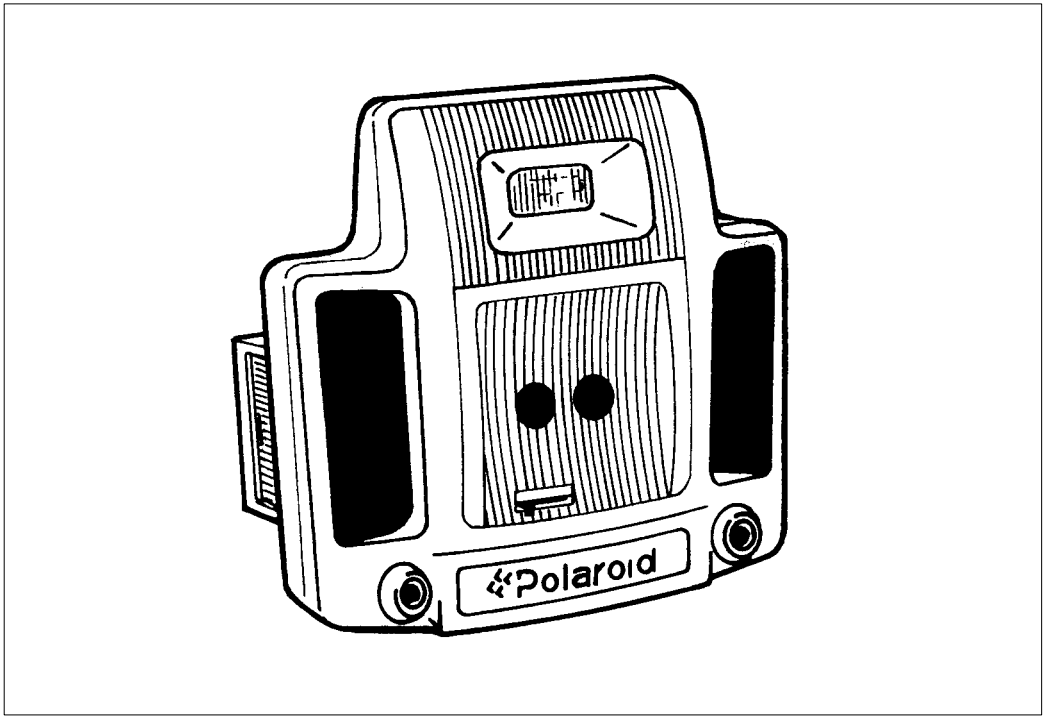
Polaroid

MiniPortrait Camera Model 206

User Manual



Radio and television interference

FCC Notice (U.S.A. only)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorienting or relocating the receiving antenna of the radio or television set
- Increasing the separation between this equipment and the radio or television receiver
- Connecting this equipment to an outlet on a circuit different from that to which the receiver is connected
- Consulting the dealer for help

Note: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

EMI Notice (Canada)

This Digital Apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

EMC Notice (Germany)

Polaroid garantiert, daß dieses Gerat die nachstehend aufgeführten Internationalen Standards erfülit:

- die Vorschriften für RF-Störungen laut EN55022 Klasse B -
- die Anforderungen für Funkschutz laut EN50082-1, IEC 801-2, IEC 801-3, IEC 801-4.

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1 Setting up

The Polaroid MiniPortrait 206 Camera lets you take instant photos, quickly and easily, for use with ID systems. You can use the camera to take ID photos for use on passports, identification cards, credit cards, and many other small formats.

Using this guide

This guide describes all the features of the Polaroid MiniPortrait 206 Camera. It takes you from unpacking the box to setting up the camera, through troubleshooting problems you may have with photos.

This guide is written for the person who will be setting up and running the camera. You do not need prior knowledge of Polaroid cameras in order to use this new portrait camera.

Unpacking the camera

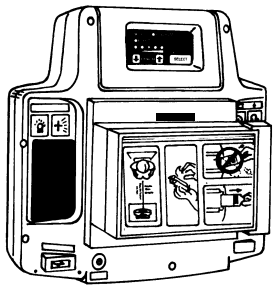
The following figures illustrate the standard parts you will find in the camera box, in addition to this manual. If you are missing anything, contact your dealer or Polaroid Customer Support at (800) 343-5000 immediately.

a MiniPortrait 206 Camera (**a**)

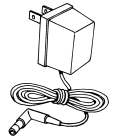
b an AC adapter

depending on the configuration ordered, you may receive the wall-mounted unit for 110V (**b**) or, for all other voltages, the table-top unit (**c**)

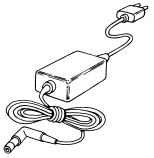
a



b

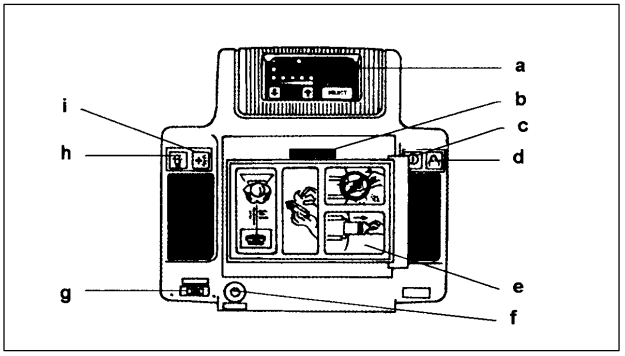


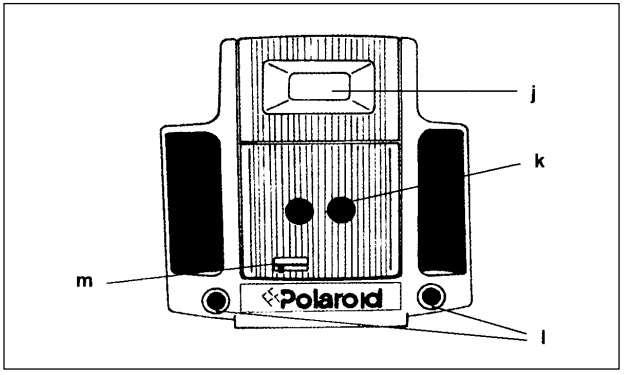
c



The following illustrates the parts of the camera.

a LED Display
b Timer
c On button
d Shutter button
e Camera back
f AC adapter socket
g Aiming light selector
h Aiming button
i Face Brightener button
j Flash
k Lenses
l Aiming lights
m Aperture selector switch





Setting up the work area

You need the following items when setting up your work area:

- the camera
- a wastebasket
- a non-reflective cloth backdrop for ID photos
- a white backdrop for passport photos
- a chair, 17 to 18 inches (45cm) high

To set up the work area for the MiniPortrait Camera:

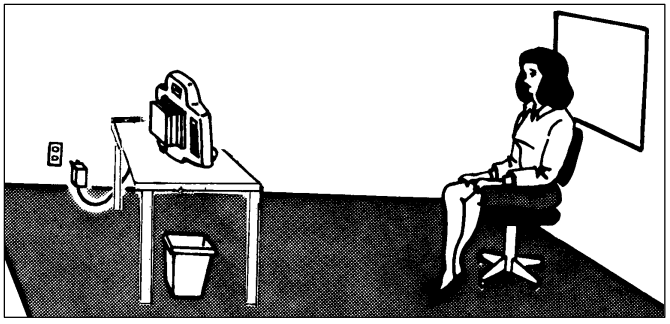
1 Use a work area that measures 8 X 10 feet (2.4 X 3m).

2 Make sure an electrical outlet is accessible to the camera. Avoid placing the camera where it may be exposed to extreme temperatures, for example, near a door or window.

3 Use a wastebasket for discarding tabs and film waste.

4 Place the backdrop behind where the subject will be seated. Passport regulations require a white background. For ID pictures hang a piece of non-reflective cloth as a backdrop.

5 Place a chair against the backdrop.



Setting up the camera

Setting up the camera is simple; just follow these steps and you'll have your MiniPortrait 206 Camera set up and ready to take photos in no time.

Note: The following instructions refer to callouts in the illustrations in the section, *The camera,* earlier in this chapter.

Preparing the camera

To set up the camera:

1 Power up the camera by plugging the small end of the AC power cord into the socket on the back of the camera (**f**). Plug the other end of the cord into a grounded AC outlet.

After a brief warm-up period, the following will be illuminated in the LED display:

A green *Ready* light, and a green *Exposure* light. For detailed instructions on adjusting the exposure, see Chapter 4, *LED display functions.*

2 Adjust the aperture selector switch (**m**) on the front of the camera for the recommended f-stop. To adjust the aperture switch, move the switch to the desired setting.

Film Speed	**Aperture**
ASA 80	f11-1/2
ASA 100	f11-1/2
ASA 125	f16
ASA 3000	f64

Note: Use these settings at 75^{o}F (24^{o}C) and above. At colder temperatures, you may have to adjust the settings. Refer to the film instructions for details.

3 Set the aiming light selector (**g**) to the passport (PP) or ID setting.

4 Set the timer (**b**). To do this, refer to *Setting the Timer* on page 1-6.

Setting the Timer

Before setting the timer, first remove the insulation strip (**a**) which protects the timer's battery during shipment.

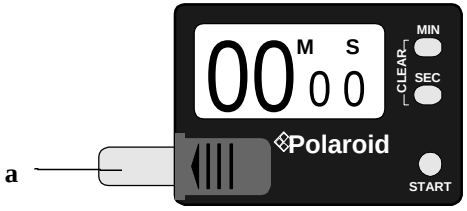
- To set minutes (larger numbers), press the MIN button. Each time you press it, the next higher number will appear; after the first press, "01" (1 minute) is indicated; second press, "02" is shown, etc.

- To set seconds (smaller numbers), press the SEC button. With each press, the next higher number will appear. It will read "01" for one second; or "10" for ten seconds.

- To start the timer, press the START button.

- To clear the numbers, press the MIN button and the SEC button at the same time.

Replacement battery: *The timer uses one #LR4 battery. They can be purchased wherever watch, calculator, or hearing aid batteries are sold.*



Technical Assistance

For technical assistance, call toll-free within the U.S.A.: 1-800-343-5000, Monday through Friday, 8 a.m. to 8 p.m. (Eastern Time). Or, write to the Polaroid Resource Center, 201 Burlington Road, Bedford, MA 01730. In Canada, call toll- free: 1-800-268-6970. Outside North America, please contact the office nearest you.

2 Loading film

Loading film into the camera is quick and simple. After you have loaded film a few times, you will not need to refer to these instructions.

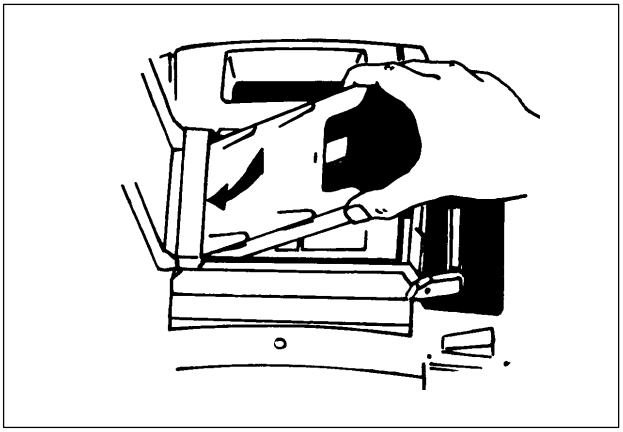
This chapter explains how to:

- Insert a fresh film pack
- Remove the spent film pack
- Clean the processing rollers

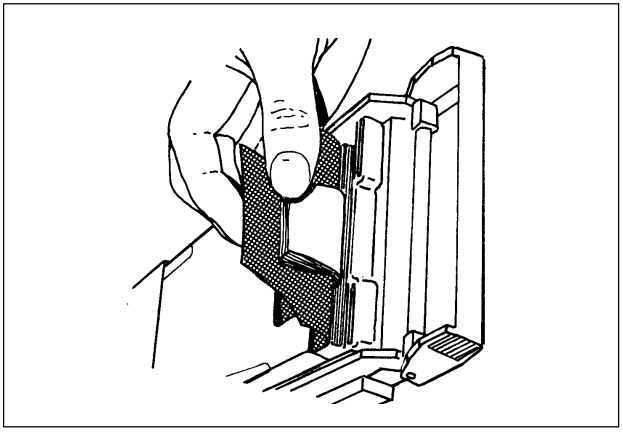
Inserting fresh film

To insert a fresh film pack:

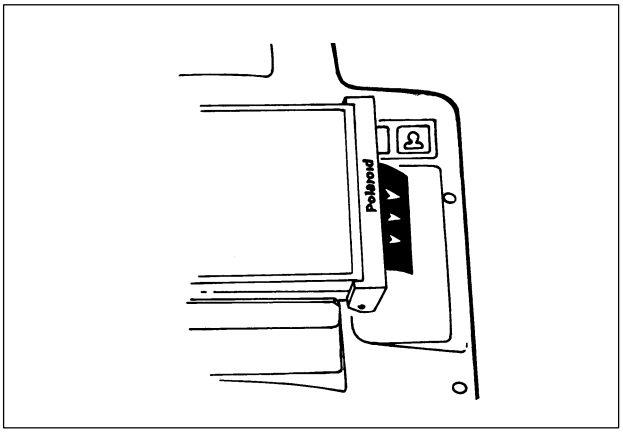
1 Insert a fresh film pack into the camera back with the black paper tab facing you.



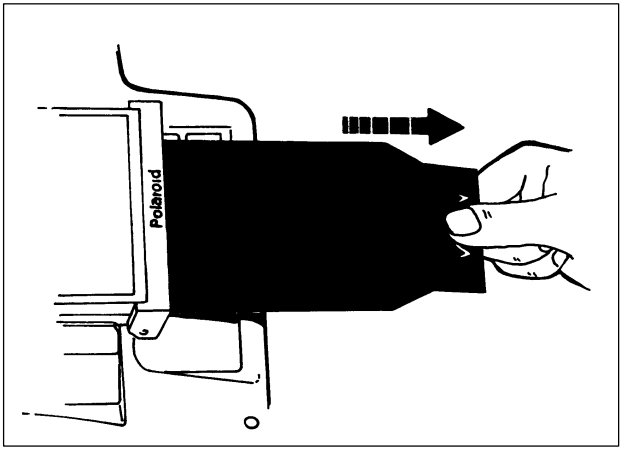
2 Check below the black tab to make sure you see a number of white tabs. One white tab is used for each film exposure.



3 Close the camera back and rotate its latching cover, making sure the black paper tab is outside the camera back.



4 Pull the black paper tab out of the camera back, keeping the tab perpendicular to the camera at all times. The best method is to place the camera on a flat surface, grip the camera with your left hand and pull the tab with your right hand. This ensures that the film in the camera remains aligned.



Removing spent film

To remove the spent film pack:

1 Open the film compartment and swing open the hinged camera back door to access the spent film pack.

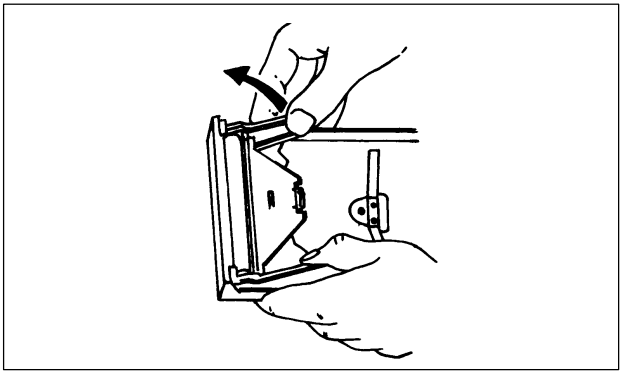
2 Remove the empty film pack by grasping it at the tab end, pulling it up and lifting it out (see the first illustration on page 2-2).

Cleaning the rollers

Clean the rollers each time you replace a film pack. To clean the rollers:

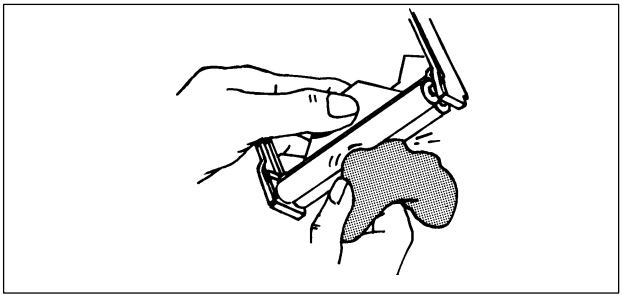
1 Open the door of the camera back.

2 Remove the rollers by placing your thumbs at the ends of the roller assembly and rotating it upward.



5 While the rollers are out of the camera back, wipe them gently with a clean, lint-free cloth moistened with water.

Caution: Use water only; other cleaning solutions may permanently damage the rollers.



4 Replace the rollers by placing the assembly against the film exit door and rotating it downward.

Cleaning the film exit door

Check the film exit door and remove any pieces of paper or dried film developer.

3 Taking a picture

Taking pictures with the Polaroid MiniPortrait 206 Camera is simple. It requires only a few steps to produce high quality passport or ID photos.

This chapter describes the steps you should take each time you take a photo. The first few times you use the MiniPortrait 206 Camera, follow these instructions closely. After you are familiar with the steps, you will be able to take photos on your own. This chapter tells you how to:

- Prepare the camera to take photos
- Take the photo and process the exposed film

Preparing the camera

To prepare the camera to take passport or ID photos:

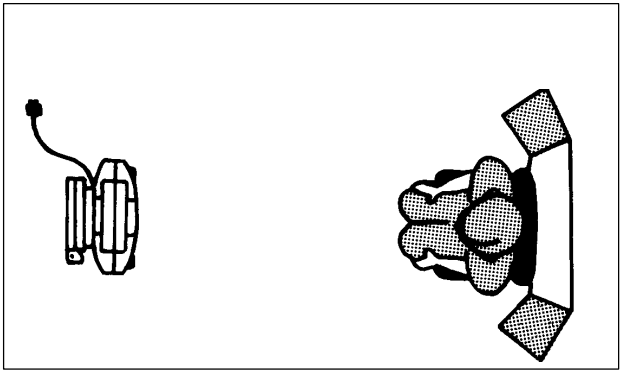
1 Plug the AC power cord into the back of the camera and into a wall outlet. The camera will power up.

Both the green *Ready* light and the green *Exposure* light will illuminate. See the example in Chapter 4, *LED display functions*.

Note: If the camera is unused for approximately ten minutes, it will automatically shut off to conserve power. Press the on button to reactivate the camera.

2 If necessary, load film into the camera. Refer to Chapter 2, *Loading film*, for detailed instructions.

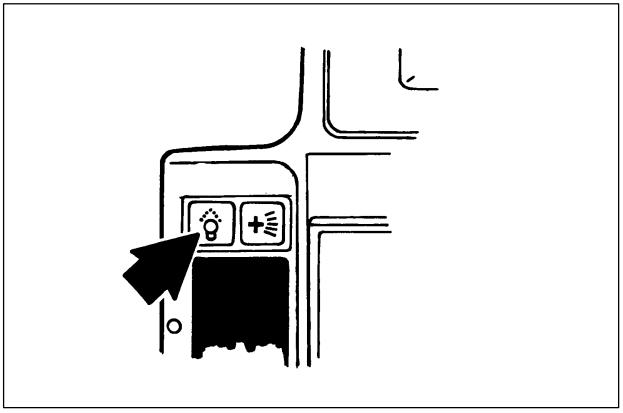
3 Place your subject in a chair against the backdrop. For best results, position the subject as close to the backdrop as possible. Remember, passport photos require a white background. For questions regarding passport specifications and techniques, call toll-free: 1-800-343-5000.



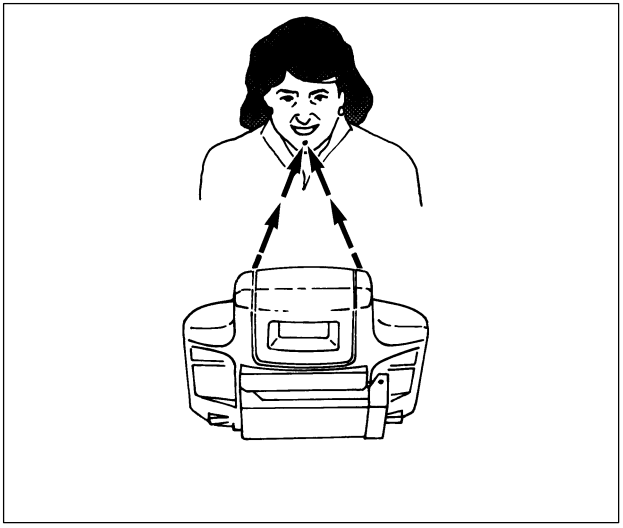
Note: For passport photos, move the aiming light selector to “PP”; for ID photos, set the selector to “ID”. Refer to the section *The camera,* in Chapter 1, for the location of the aiming light selector.

4 Press the Aiming button and aim the lights at your subject. The lights blink for 15 seconds while you aim the camera.

Note: The aiming lights must be blinking in order for you to take a picture.



5 Position the camera so that the lights converge on your subject's chin.

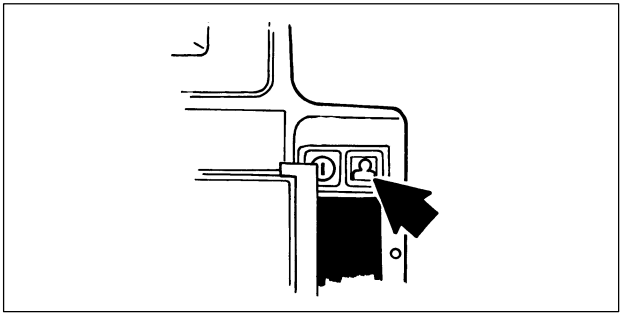


6 If your subject has a dark complexion, press the face brightener (Boost) button. Refer to *The camera,* in Chapter, 1 for location of the button. A green *Boost* light will illuminate in the LED display. The face brightener function turns off and its light goes out after you take the picture. To turn the face brightener function off before you take the picture, press the button again.

When you turn the Face Brightener function on, the camera increases the flash output by 0.3 to 0.5 photographic stops.

Taking the photo

To take a photo:

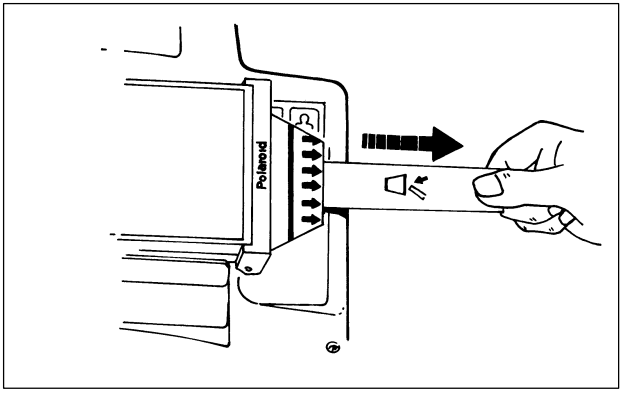


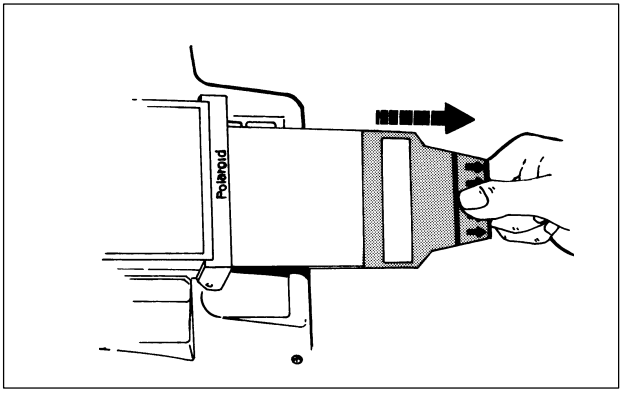
1 Press the Shutter button.

After you press the button, the green *Pull Film* light illuminates in the LED display; if the camera is set to take another picture on this sheet of film, the *Ready* light will come on. If it reads *Ready,* take another picture.

Note: You can take the two pictures at the same time, giving you two of the same pose, or you can take one picture after another, giving you two different poses. To set the number of photos to be taken at once, refer to Chapter 4*, LED display functions.*

2 To begin processing the film, pull the white film tab, keeping the tab perpendicular to the camera at all times. Rest the camera on a flat surface and pull the tab straight out using the right hand. This ensures that the film in the camera remains aligned.





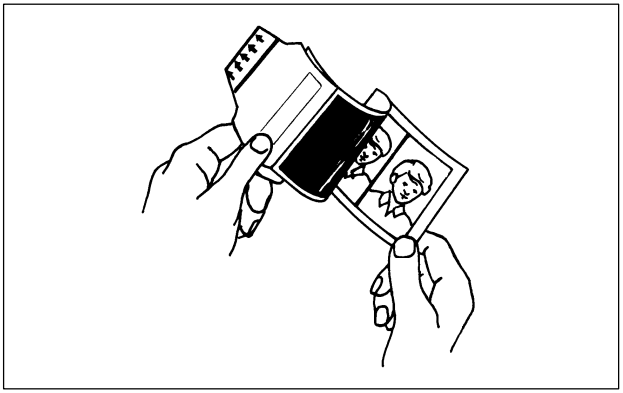
3 Pull the yellow tab, keeping the tab perpendicular to the camera. Position the camera and pull the tab as described in **2** above. A smooth, straight pull will prevent blemishes in the picture.

As soon as you pull the yellow tab, the film starts to develop.

6 Push the START button to start the timer. See Chapter 1, *setting up,* for instructions about setting the timer. Refer to the film instructions for proper development time.

7 When the timer beeps, the film is fully developed; peel the back from the print.

Note: Development time will vary with temperature fluctuations; refer to the film instructions for proper development time in hot and cold conditions.



You can lighten or darken your picture by adjusting the aperture selector and/or the flash exposure setting (using the exposure selector in the LED display). Refer to Chapter 4, *LED display functions*, for details about adjusting the flash exposure.

4 LED display functions

The Polaroid MiniPortrait 206 Camera has an LED display that guides the operator through camera operation. The following camera adjustments can be made from this display:

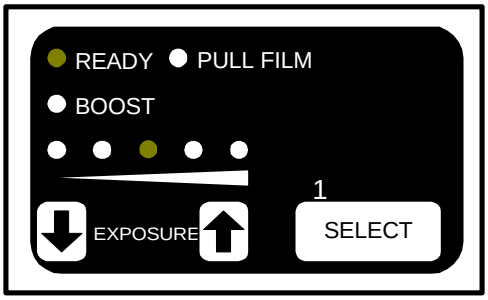
- Exposure
- Select (to make one or two pictures each time the shutter button is pressed)

Making display selections

The following functions can be adjusted from the LED display:

1 Exposure

For normal flash exposure, the middle light will be on.



To increase exposure, press the UP arrow in the display. Each time the arrow is pressed, the next higher light will come on. To decrease exposure, press the DOWN arrow; the next lower light will come on.

2 Select

Pressing “select” in the LED display, allows you to toggle between “1”, shown above, and “2”.

Select “1” if you want to take two different poses in one picture frame. When you press the shutter button to take the first photo, the LED display will read “ready”, prompting you to take another photo. Press the shutter button a second time and the picture will contain two different photos.

Select “2” If you want two identical poses in one frame. When you press the shutter button, the camera will take twin photos of the same subject.

5 Troubleshooting

Correcting common errors

From time to time you may observe faults with your photos. The following information will help you solve problems you may encounter.

Picture Fault	Cause	Corrective Action
Repeated, evenly spaced spots	Dirty developer rollers.	Clean developer rollers.
Missing corners, or orange-red marks along edges	Pull the film tab from the camera at an angle.	Pull the yellow/black film tab straight from the camera.
	Dried developer on rollers.	Clean the rollers.
Rectangular outline in print	The white leader was not pulled completely off prior to pulling the film tab; white tab passed through the rollers with film.	Pull white tab completely out of the camera before pulling the film from the camera.

Picture Fault	Cause	Corrective Action
Small, white specks, pink lines, streaks or blotches	Pulling the film through the rollers too fast.	Pull the film using a smooth, even, moderate pull speed.
Muddy-looking print	Development time not long enough.	Develop film for time recommended in film instruction sheet.
Broad streak or mark across the picture	Hesitating while pulling the film from the camera.	Pull the film tab straight out in one motion, without hesitation.
Very light or no image	Film fogged or extremely overexposed.	Do not remove the safety cover prior to loading the film. Do not open the camera and remove the film pack while taking a picture.

MiniPortrait 206 Camera warranty

Polaroid Corporation warrants the MiniPortrait 206 Camera against defects in manufacture or workmanship for a period of two years from the date of purchase. To verify the warranty period, you should keep the invoice, sales receipt, or other proof of the purchase date.

Should this product or any component or accessory included with it, except software, prove to be defective at any time during the warranty period, Polaroid Corporation will, at its discretion, either replace or repair this item, without charge.

This warranty does not cover damage caused by accident, incorrect installation, unauthorized modification, and misuse or abuse. A charge will be made for repair of such damage.

This warranty excludes all consequential damages and does not affect your statutory rights. Some jurisdictions do not allow the limitation or exclusion of consequential damages, so the foregoing may not apply to you.

MiniPortrait 206 Camera service

U.S.A. and Canada

If your MiniPortrait 206 Camera requires service, call Polaroid Technical Assistance toll-free from within the U.S.A. at **1-800-343-5000,** Monday through Friday, 8 a.m. to 8 p.m., (Eastern Time). From Canada, call toll-free at **1-800-268-6970.**

To return the camera for service, pack it carefully in its original shipping carton or other sturdy container, with plenty of padding. Shipping instructions will be provided by your Polaroid Technical Assistance specialist.

Outside North America

Please contact your nearest Polaroid dealer (see the section immediately following).

Polaroid Offices and Service Centers

Australia
Polaroid Australia Pty Ltd
13-15 Lyonpark Road
PO Box 163
North Ryde, NSW 2113
Tel.: (02) 950 7000
Fax: (02) 887 2209

Belgique/Beigië
Polaroid (Belgium) S.A.-N.V.
rue Colonel Bourg 111
Kolonel Bourgstraat 111
1140 Bruxelles-1140 Brussel
Tel.: 32 2 702 86 20
Fax: 32 2 726 92 99
Toll free line: 32 2 78 155 905

Brasil
Polaroid do Brasil Ltda.
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01310-921
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Fax: 55.11.287.5393

Canada
Polaroid Canada Inc.
350 Carlingview Drive
Etobicke, ON M9W 5G6
Tel.: 1 416 675 3680
Fax: 1 416 675 4245
Toll free: 1-800-268-6970

Danmark
Polaroid a.s.
Blokken 75, 3460 Birkerød
Tel.: 45 42 81 75 00
Fax: 45 42 81 70 26

Deutschland
Polaroid GmbH
Sprendlinger Landstrasse 109
63069 Offenbach
Tel.: 49 69 840 4100
Fax: 49 69 840 4204

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Polaroid (España), S.A.
Calle Orense 16, 2ª planta.
28020-Madrid, Spain
Tel.: 34-1-597 02 52
Fax: 34-1-597 27 82

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12 Bis Ave. Gay Lussac78391
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Tel.: 33 1 30 68 38 38
Fax: 33 1 30 68 38 39

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Fax: 39 332-478249

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Minato-ku, Tokyo (105)
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Fax: 81-3-3433-3537

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